

| L Number | Hits  | Search Text                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DB                              | Time stamp       |
|----------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|
| -        | 72    | ((("5734828" or ("6021262" or ("5819272" or ("5961610" or ("6226644" or ("6226644" or ("6292830" or ("5915113" or ("5926481" or ("4949248" or ("5568616" or ("6233620" or ("6292933" or ("6304893" or ("6336135" or ("5636376" or ("5675798" or ("5539909" or ("5890163" or ("5973696" or ("6035343" or ("6282702" or ("5944783" or ("5918039" or ("5313581" or ("5408602" or ("6253193" or ("6226659" or ("6226659" or ("5828840" or ("6163797" or ("5793970" or ("6052710" or ("5509010" or ("5831612" or ("5950002" or ("5555396" or ("5781530" or ("5446898" or ("5465357" or ("5481709" or ("5495611" or ("5864669" or ("6065041" or ("5940075" or ("5293619" or ("5634010" or ("5802514" or ("5812779" or ("5963202"))).PN.                                                                                                                                                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/03/25 15:02 |
| -        | 0     | ((("5734828" or ("6021262" or ("5819272" or ("5961610" or ("6226644" or ("6226644" or ("6292830" or ("5915113" or ("5926481" or ("4949248" or ("5568616" or ("6233620" or ("6292933" or ("6304893" or ("6336135" or ("5636376" or ("5675798" or ("5539909" or ("5890163" or ("5973696" or ("6035343" or ("6282702" or ("5944783" or ("5918039" or ("5313581" or ("5408602" or ("6253193" or ("6226659" or ("6226659" or ("5828840" or ("6163797" or ("5793970" or ("6052710" or ("5509010" or ("5831612" or ("5950002" or ("5555396" or ("5781530" or ("5446898" or ("5465357" or ("5481709" or ("5495611" or ("5864669" or ("6065041" or ("5940075" or ("5293619" or ("5634010" or ("5802514" or ("5812779" or ("5963202"))).PN.) and (client adj processing) and (definition and (state adj change) and command) and message (definition or (state adj change) or command) and (message adj processing) and (client and server) | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/08 14:43 |
| -        | 340   | (definition or (state adj change) or command) and (message adj processing) and (client and server)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/12/08 08:55 |
| -        | 2     | ((definition or (state adj change) or command) and (message adj processing) and (client and server)) and application) and (receiv\$ adj message) and (remote adj device)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/08 14:51 |
| -        | 325   | ((definition or (state adj change) or command) and (message adj processing) and (client and server)) and application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/08 15:15 |
| -        | 238   | header and definition? and (state adj change?) and command?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/15 14:38 |
| -        | 11    | ((definition or (state adj change) or command) and (message adj processing) and (client and server)) and application) and (header and definition? and (state adj change?) and command?)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/10/01 14:55 |
| -        | 327   | (definition or (state adj change) or command) and (message adj processing) and (client and server) and application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/15 14:32 |
| -        | 29    | ((definition or (state adj change) or command) and (message adj processing) and (client and server) and application ) and 709/219                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/07/15 07:34 |
| -        | 327   | (definition or (state adj change) or command) and (message adj processing) and (client and server) and application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/15 14:37 |
| -        | 21312 | client and server                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/17 16:37 |
| -        | 76    | gui and ((definition or (state adj change) or command) and (message adj processing) and (client and server) and application ) and (client and server)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/15 14:39 |
| -        | 1660  | (definition or (state adj change) or command) and (message adj processing)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/15 14:50 |
| -        | 239   | header and definition? and (state adj change?) and command?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/15 14:38 |

|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                 |                  |
|---|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|
| - | 23     | gui and (header and definition? and (state adj change?) and command?) and (client and server) and (header and definition? and (state adj change?) and command?)                                                                                                                                                                                                                                                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/12/08 08:52 |
| - | 232495 | arc                                                                                                                                                                                                                                                                                                                                                                                                                                                        | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/17 16:37 |
| - | 1      | (gui and (header and definition? and (state adj change?) and command?) and (client and server) and (header and definition? and (state adj change?) and command?)) and arc                                                                                                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/11/20 06:24 |
| - | 83     | (definition and (state adj change) and command) and (message adj processing)                                                                                                                                                                                                                                                                                                                                                                               | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/02/13 08:56 |
| - | 2      | ((("6088717") or ("6044205")).PN.                                                                                                                                                                                                                                                                                                                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/15 14:58 |
| - | 2      | ((definition and (state adj change) and command) and (message adj processing)) and 709/219                                                                                                                                                                                                                                                                                                                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/15 15:11 |
| - | 232495 | arc                                                                                                                                                                                                                                                                                                                                                                                                                                                        | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/17 16:37 |
| - | 21312  | client and server                                                                                                                                                                                                                                                                                                                                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/17 16:37 |
| - | 377    | arc and (client and server)                                                                                                                                                                                                                                                                                                                                                                                                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/17 16:43 |
| - | 5      | message with (header and definition and (state adj change) and command)                                                                                                                                                                                                                                                                                                                                                                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/03/22 13:20 |
| - | 14     | (arc and (client and server)) and (remote adj device)                                                                                                                                                                                                                                                                                                                                                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/02/17 16:44 |
| - | 1      | ("6212560").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/07/11 13:43 |
| - | 1      | ("6044382").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/07/11 13:44 |
| - | 30     | ("4591662"   "4598171"   "4689478"   "4776016"   "4813013"   "4835372"   "4851999"   "4858121"   "4860342"   "4937439"   "4972462"   "4984155"   "4991199"   "5008927"   "5047960"   "5189632"   "5195086"   "5195130"   "5204813"   "5278751"   "5301105"   "5333266"   "5351076"   "5365577"   "5410646"   "5416831"   "5572421"   "5704029"   "5757655"   "5805676").PN.                                                                                | USPAT                           | 2002/07/12 15:04 |
| - | 1      | ((("4591662"   "4598171"   "4689478"   "4776016"   "4813013"   "4835372"   "4851999"   "4858121"   "4860342"   "4937439"   "4972462"   "4984155"   "4991199"   "5008927"   "5047960"   "5189632"   "5195086"   "5195130"   "5204813"   "5278751"   "5301105"   "5333266"   "5351076"   "5365577"   "5410646"   "5416831"   "5572421"   "5704029"   "5757655"   "5805676").PN.) and message and form and before and command and definition and key and menu | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/07/11 14:00 |
| - | 30     | ("4591662"   "4598171"   "4689478"   "4776016"   "4813013"   "4835372"   "4851999"   "4858121"   "4860342"   "4937439"   "4972462"   "4984155"   "4991199"   "5008927"   "5047960"   "5189632"   "5195086"   "5195130"   "5204813"   "5278751"   "5301105"   "5333266"   "5351076"   "5365577"   "5410646"   "5416831"   "5572421"   "5704029"   "5757655"   "5805676").PN.                                                                                | USPAT                           | 2002/07/11 13:49 |

|   |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                         |                  |
|---|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 1    | ((("4591662"   "4598171"   "4689478"   "4776016"   "4813013"   "4835372"   "4851999"   "4858121"   "4860342"   "4937439"   "4972462"   "4984155"   "4991199"   "5008927"   "5047960"   "5189632"   "5195086"   "5195130"   "5204813"   "5278751"   "5301105"   "5333266"   "5351076"   "5365577"   "5410646"   "5416831"   "5572421"   "5704029"   "5757655"   "5805676").PN.) and message and form and before and command and definition and key and menu | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2002/07/11 14:01 |
| - | 1    | ((("4591662"   "4598171"   "4689478"   "4776016"   "4813013"   "4835372"   "4851999"   "4858121"   "4860342"   "4937439"   "4972462"   "4984155"   "4991199"   "5008927"   "5047960"   "5189632"   "5195086"   "5195130"   "5204813"   "5278751"   "5301105"   "5333266"   "5351076"   "5365577"   "5410646"   "5416831"   "5572421"   "5704029"   "5757655"   "5805676").PN.) and message and form and command and definition and key and menu            | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2002/07/11 14:01 |
| - | 3    | ((("4591662"   "4598171"   "4689478"   "4776016"   "4813013"   "4835372"   "4851999"   "4858121"   "4860342"   "4937439"   "4972462"   "4984155"   "4991199"   "5008927"   "5047960"   "5189632"   "5195086"   "5195130"   "5204813"   "5278751"   "5301105"   "5333266"   "5351076"   "5365577"   "5410646"   "5416831"   "5572421"   "5704029"   "5757655"   "5805676").PN.) and message and form and command and definition and menu                    | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2002/07/11 14:42 |
| - | 2566 | 709/219                                                                                                                                                                                                                                                                                                                                                                                                                                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2002/07/11 14:42 |
| - | 201  | (((((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote) and GUI) and (prior or before)) and (select\$3 near2 option)) and (send\$3 near2 message)) and (receiv\$3 near2 message)                                                                                                                                                                                                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/12 07:21 |
| - | 161  | (((((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote) and GUI) and (prior or before)) and (select\$3 near2 option)) and (send\$3 near2 message)) and (receiv\$3 near2 message)) and processor                                                                                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/12 07:21 |
| - | 23   | (((((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote) and GUI) and (prior or before)) and (select\$3 near2 option)) and (send\$3 near2 message)) and (receiv\$3 near2 message)) and processor) and (updat\$3 near2 state)                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/12 08:37 |
| - | 12   | ("4907283"   "4955066"   "4974191"   "5530861"   "5544352"   "5598557"   "5623406"   "5704060"   "5729730"   "5754712"   "5764906"   "5768578").PN.                                                                                                                                                                                                                                                                                                        | USPAT                                                   | 2002/07/12 08:13 |
| - | 2    | "12" and ((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote)                                                                                                                                                                                                                                                                                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/12 08:37 |
| - | 2    | ("12" and ((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote)) and ((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote)                                                                                                                                                                                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/12 08:38 |
| - | 2    | ("12" and ((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote)) and (((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote) and GUI)                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/12 08:39 |
| - | 0    | ("12" and ((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote)) and (((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote) and GUI) and (prior or before))                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/12 08:39 |

|   |     |                                                                                                                                                                                                                                                                                                            |                                                         |                  |
|---|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 23  | (((((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote) and GUI) and (prior or before)) and (select\$3 near2 option)) and (send\$3 near2 message)) and (receiv\$3 near2 message)) and processor) and (updat\$3 near2 state)) and form    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/12 08:48 |
| - | 2   | (((((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote) and GUI) and (prior or before)) and (select\$3 near2 option)) and (send\$3 near2 message)) and (receiv\$3 near2 message)) and processor) and (updat\$3 near2 state)) and 709/219 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/12 10:17 |
| - | 62  | definition and (state adj changes) and command and client and server and GUI and ((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote)                                                                                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/13 09:05 |
| - | 7   | (definition and (state adj changes) and command and client and server and GUI and ((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote)) and 709/219                                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/12 10:39 |
| - | 62  | (definition and (state adj changes) and command and client and server and GUI and ((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote)) and form                                                                                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/12 10:39 |
| - | 3   | (definition and (state adj changes) and command and client and server and GUI and ((process\$3 or creat\$3) near2 form and command and definition and state and messageand client and server and remote)) and (creat\$3 adj form)                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/12 10:39 |
| - | 12  | ("4907283"   "4955066"   "4974191"   "5530861"   "5544352"   "5598557"   "5623406"   "5704060"   "5729730"   "5754712"   "5764906"   "5768578").PN.                                                                                                                                                        | USPAT                                                   | 2002/07/12 12:33 |
| - | 14  | instant adj text                                                                                                                                                                                                                                                                                           | USPAT                                                   | 2002/07/12 15:09 |
| - | 354 | (message with command and state and definition) and client and server and (receiv\$3 near2 message) and (send\$3 near2 message)                                                                                                                                                                            | USPAT                                                   | 2002/07/12 15:12 |
| - | 3   | ((message with command and state and definition) and client and server and (receiv\$3 near2 message) and (send\$3 near2 message)) and 709/219) and (process\$3 near2 definition)                                                                                                                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/12 15:14 |
| - | 3   | ((message with command and state and definition) and client and server and (receiv\$3 near2 message) and (send\$3 near2 message)) and 709/219) and (process\$3 near2 definition) and form                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/12 15:14 |
| - | 44  | ((message with command and state and definition) and client and server and (receiv\$3 near2 message) and (send\$3 near2 message)) and 709/219                                                                                                                                                              | USPAT                                                   | 2002/07/12 15:16 |
| - | 590 | definition and state and changes and command and client and server and GUI                                                                                                                                                                                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/07/13 09:09 |
| - | 43  | (definition and state and changes and command and client and server and GUI ) and (creat\$3 near2 form) and (before or prior)                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2002/07/13 09:46 |
| - | 43  | (definition and state and changes and command and client and server and GUI ) and (creat\$3 near2 form) and (before or prior)                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2002/07/13 09:46 |
| - | 11  | ((("5333266") or ("5410646") or ("5852825") or ("5940075") or ("5973696") or ("5974413") or ("5978828") or ("6289378") or ("6336135"))).PN.                                                                                                                                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2002/07/15 07:36 |

|   |      |                                                                                |                                 |                  |
|---|------|--------------------------------------------------------------------------------|---------------------------------|------------------|
| - | 3397 | 709/217                                                                        | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:48 |
| - | 2143 | 709/218                                                                        | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 16:07 |
| - | 1584 | 709/220                                                                        | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:49 |
| - | 1162 | 709/221                                                                        | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:49 |
| - | 745  | 709/222                                                                        | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:49 |
| - | 433  | 709/217 and GUI                                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 16:07 |
| - | 290  | 709/218 and GUI                                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:50 |
| - | 187  | 709/220 and GUI                                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:50 |
| - | 147  | 709/221 and GUI                                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:50 |
| - | 76   | 709/222 and GUI                                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:50 |
| - | 117  | (709/217 and GUI) and state and command and definition                         | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 16:07 |
| - | 87   | (709/218 and GUI) and state and command and definition                         | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:51 |
| - | 55   | (709/220 and GUI) and state and command and definition                         | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:51 |
| - | 40   | (709/221 and GUI) and state and command and definition                         | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:51 |
| - | 21   | (709/222 and GUI) and state and command and definition                         | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:52 |
| - | 109  | ((709/217 and GUI) and state and command and definition) and message           | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 16:07 |
| - | 79   | ((709/218 and GUI) and state and command and definition) and message           | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:53 |
| - | 51   | ((709/220 and GUI) and state and command and definition) and message           | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:53 |
| - | 35   | ((709/221 and GUI) and state and command and definition) and message           | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:53 |
| - | 17   | ((709/222 and GUI) and state and command and definition) and message           | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 15:56 |
| - | 17   | ((709/222 and GUI) and state and command and definition) and message) and FORM | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2002/12/05 16:08 |

|   |      |                                                                                                                                                                                                                 |                                                         |                  |
|---|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 3118 | 709/219                                                                                                                                                                                                         | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2002/12/05 16:07 |
| - | 94   | ((709/219 and GUI) and state and command and definition) and message) and FORM                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2002/12/05 16:08 |
| - | 2    | ((("6336135") or ("5940075")).PN.                                                                                                                                                                               | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/04/29 14:27 |
| - | 428  | GUI with command and state and change and form and message and remote                                                                                                                                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/29 14:29 |
| - | 248  | (GUI with command and state and change and form and message and remote) and definition and process\$5 and environment                                                                                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/29 14:58 |
| - | 241  | ((GUI with command and state and change and form and message and remote) and definition and process\$5 and environment) and receive\$5                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/29 14:31 |
| - | 163  | ((GUI with command and state and change and form and message and remote) and definition and process\$5 and environment) and receive\$5) and recognize\$5 and send\$5                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/29 14:33 |
| - | 1    | ((GUI with command and state and change and form and message and remote) and definition and process\$5 and environment) and receive\$5) and recognize\$5 and send\$5 ) and menu and dependence                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/29 14:59 |
| - | 6    | ((("5412756") or ("6029158") or ("6029159") or ("6044347") or ("6371765") or ("6349290")).PN.                                                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/04/29 14:42 |
| - | 11   | ("4316720"   "4931018"   "4964803"   "5311422"   "5791907"   "5823781"   "5853292"   "6033226"   "6149441"   "6164974"   "6193519").PN.                                                                         | USPAT                                                   | 2003/04/29 14:41 |
| - | 79   | ((remedy and protocol) and GUI) and definition and process\$5 and environment                                                                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/29 14:58 |
| - | 13   | ((remedy and protocol) and GUI) and definition and process\$5 and environment) and menu and dependence                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/29 14:59 |
| - | 8    | ("5760771"   "5774123"   "5812134"   "5821937"   "5844552"   "5864866"   "5877744"   "5877766").PN.                                                                                                             | USPAT                                                   | 2003/04/29 15:02 |
| - | 17   | ("5329619"   "5465328"   "5687373"   "5754772"   "5835724"   "5961601"   "6003085"   "6012094"   "6023722"   "6055564"   "6068661"   "6070197"   "6085247"   "6088728"   "6108689"   "6134592"   "6216151").PN. | USPAT                                                   | 2003/04/29 15:06 |
| - | 0    | message with (definition adj (state adj change) adj command)                                                                                                                                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/01 07:08 |

|   |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                         |                  |
|---|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 65  | ((message with (definition and command)) and (state adj change)) and receiv\$5 and process\$5 and perform\$5) and remote                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/01 07:16 |
| - | 5   | (fill\$5 or creat\$5 or generat\$5 or produc\$5 or establish\$5 or program\$5 or customiz\$5) near2 (inventory adj form) and (web or online)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/03 11:31 |
| - | 10  | ("5664110"   "5691864"   "5715314"   "5745681"   "5758095"   "5845263"   "5848399"   "5897622"   "6014634"   "6029139").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | USPAT                                                   | 2003/05/03 14:38 |
| - | 6   | ("5630070"   "5787283"   "5878416"   "5884276"   "5897629"   "5940816").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | USPAT                                                   | 2003/05/01 10:20 |
| - | 1   | ("5940075").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/05/02 13:48 |
| - | 48  | ((("5734828" or ("6021262" or ("5819272" or ("5961610" or ("6226644" or ("6226644" or ("6292830" or ("5915113" or ("5926481" or ("4949248" or ("5568616" or ("6233620" or ("6292933" or ("6304893" or ("6336135" or ("5636376" or ("5675798" or ("5539909" or ("5890163" or ("5973696" or ("6035343" or ("6282702" or ("5944783" or ("5918039" or ("5313581" or ("5408602" or ("6253193" or ("6226659" or ("6226659" or ("5828840" or ("6163797" or ("5793970" or ("6052710" or ("5509010" or ("5831612" or ("5950002" or ("5555396" or ("5781530" or ("5446898" or ("5465357" or ("5481709" or ("5495611" or ("5864669" or ("6065041" or ("5940075" or ("5293619" or ("5634010" or ("5802514" or ("5812779" or ("5963202")).PN. | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/05/03 09:29 |
| - | 6   | (definition and (state adj change) and command) and (message adj processing) same (client and server) and form                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/03 10:24 |
| - | 183 | ((message with (command and state and definition)) and process\$5 and recogniz\$5 and depend\$5 and select\$5) and (before or prior)) and FORM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | 2003/05/03 11:10 |
| - | 11  | (((((message with (command and state and definition)) and process\$5 and recogniz\$5 and depend\$5 and select\$5) and (before or prior)) and FORM) and remote) and directive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | 2003/05/03 11:10 |
| - | 5   | (fill\$5 or creat\$5 or generat\$5 or produc\$5 or establish\$5 or program\$5 or customiz\$5) near2 (inventory adj form) and (web or online)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/03 11:34 |
| - | 8   | ("5760771"   "5774123"   "5812134"   "5821937"   "5844552"   "5864866"   "5877744"   "5877766").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT                                                   | 2003/05/03 12:32 |
| - | 138 | ((message with (command and state and definition)) and process\$5 and recogniz\$5 and depend\$5 and select\$5) and (before or prior)) and FORM) and remote                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | 2003/09/09 15:09 |
| - | 4   | ("5708825"   "5754772"   "5761656"   "5802518").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT                                                   | 2003/05/03 12:41 |
| - | 2   | emweb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/10 08:42 |

|   |     |                                                                                                                                                                                                                                                                             |                                                         |                  |
|---|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 27  | netdynamics                                                                                                                                                                                                                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/03 15:00 |
| - | 1   | ("6125352").PN.                                                                                                                                                                                                                                                             | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/05/03 15:08 |
| - | 2   | ((("6125352") or ("6058373"))).PN.                                                                                                                                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/05/03 15:08 |
| - | 9   | ((("5664110") or ("5761656") or ("5745681") or ("5802514") or ("5897622") or ("5973696") or ("6014634") or ("6052710") or ("6249773"))).PN.                                                                                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/05/04 14:55 |
| - | 10  | ((("5664110") or ("5761656") or ("5745681") or ("5802514") or ("5897622") or ("5973696") or ("6014634") or ("6052710") or ("6249773") or ("6134592"))).PN.                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/09/23 08:55 |
| - | 118 | ((((((message with (command and state and definition)) and process\$5 and recogniz\$5 and depend\$5 and select\$5 and (before or prior)) and FORM) and remote) and receiv\$5) and depend\$5) and process\$5 and (fix\$5 or station\$5)                                      | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | 2003/09/09 15:15 |
| - | 94  | ((((((message with (command and state and definition)) and process\$5 and recogniz\$5 and depend\$5 and select\$5 and (before or prior)) and FORM) and remote) and receiv\$5) and depend\$5) and process\$5 and (fix\$5 or station\$5)) and environment                     | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | 2003/09/09 15:15 |
| - | 46  | (creat\$5 same (data adj entry adj form)) and (process\$5 same data) and updat\$5                                                                                                                                                                                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/10 07:36 |
| - | 36  | ((creat\$5 same (data adj entry adj form)) and (process\$5 same data) and updat\$5 ) and (definition or (state adj change) or command)                                                                                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/09/22 10:18 |
| - | 22  | ("4319338"   "4937777"   "4953074"   "5012402"   "5072412"   "5122948"   "5157595"   "5225974"   "5297257"   "5307463"   "5321829"   "5398336"   "5406473"   "5420977"   "5572643"   "5598536"   "5613115"   "5623652"   "5625781"   "5745908"   "5768593"   "5805442").PN. | USPAT                                                   | 2003/09/10 08:19 |
| - | 2   | emweb and name                                                                                                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/10 08:43 |
| - | 10  | ((("5664110") or ("5761656") or ("5745681") or ("5802514") or ("5897622") or ("5973696") or ("6014634") or ("6052710") or ("6249773") or ("6134592"))).PN.                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/09/22 10:20 |
| - | 36  | ((creat\$5 same (data adj entry adj form)) and (process\$5 same data) and updat\$5) and (definition or (state adj change) or command)                                                                                                                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/22 13:34 |
| - | 248 | ((receiv\$5 near3 message) same process\$5 and client and server) and command and definition and (state adj change)                                                                                                                                                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/22 13:33 |
| - | 184 | ((((receiv\$5 near3 message) same process\$5 and client and server) and command and definition and (state adj change)) and recogniz\$5                                                                                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/22 15:09 |



|   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                         |                  |
|---|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 4  | (((receiv\$5 near3 message) same process\$5 and client and server) and command and definition and (state adj change)) and recogniz\$5) and (implement\$5 near3 (software adj program))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/22 13:38 |
| - | 48 | ((("5734828") or ("6021262") or ("5819272") or ("5961610") or ("6226644") or ("6226644") or ("6292830") or ("5915113") or ("5926481") or ("4949248") or ("5568616") or ("6233620") or ("6292933") or ("6304893") or ("6336135") or ("5636376") or ("5675798") or ("5539909") or ("5890163") or ("5973696") or ("6035343") or ("6282702") or ("5944783") or ("5918039") or ("5313581") or ("5408602") or ("6253193") or ("6226659") or ("6226659") or ("5828840") or ("6163797") or ("5793970") or ("6052710") or ("5509010") or ("5831612") or ("5950002") or ("5555396") or ("5781530") or ("5446898") or ("5465357") or ("5481709") or ("5495611") or ("5864669") or ("6065041") or ("5940075") or ("5293619") or ("5634010") or ("5802514") or ("5812779") or ("5963202")).PN.                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/09/22 14:18 |
| - | 41 | ((("5734828") or ("6021262") or ("5819272") or ("5961610") or ("6226644") or ("6226644") or ("6292830") or ("5915113") or ("5926481") or ("4949248") or ("5568616") or ("6233620") or ("6292933") or ("6304893") or ("6336135") or ("5636376") or ("5675798") or ("5539909") or ("5890163") or ("5973696") or ("6035343") or ("6282702") or ("5944783") or ("5918039") or ("5313581") or ("5408602") or ("6253193") or ("6226659") or ("6226659") or ("5828840") or ("6163797") or ("5793970") or ("6052710") or ("5509010") or ("5831612") or ("5950002") or ("5555396") or ("5781530") or ("5446898") or ("5465357") or ("5481709") or ("5495611") or ("5864669") or ("6065041") or ("5940075") or ("5293619") or ("5634010") or ("5802514") or ("5812779") or ("5963202")).PN.) and depend\$7                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/22 15:09 |
| - | 21 | (((("5734828") or ("6021262") or ("5819272") or ("5961610") or ("6226644") or ("6226644") or ("6292830") or ("5915113") or ("5926481") or ("4949248") or ("5568616") or ("6233620") or ("6292933") or ("6304893") or ("6336135") or ("5636376") or ("5675798") or ("5539909") or ("5890163") or ("5973696") or ("6035343") or ("6282702") or ("5944783") or ("5918039") or ("5313581") or ("5408602") or ("6253193") or ("6226659") or ("6226659") or ("5828840") or ("6163797") or ("5793970") or ("6052710") or ("5509010") or ("5831612") or ("5950002") or ("5555396") or ("5781530") or ("5446898") or ("5465357") or ("5481709") or ("5495611") or ("5864669") or ("6065041") or ("5940075") or ("5293619") or ("5634010") or ("5802514") or ("5812779") or ("5963202")).PN.) and depend\$7) and recogniz\$5 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/22 15:10 |
| - | 4  | message same (definition same command same (state adj change))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/23 07:54 |
| - | 1  | (((("5664110") or ("5761656") or ("5745681") or ("5802514") or ("5897622") or ("5973696") or ("6014634") or ("6052710") or ("6249773") or ("6134592")).PN.) and definition and command and state and recogniz\$5 and depend\$7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/27 15:30 |
| - | 22 | ("4319338"   "4937777"   "4953074"   "5012402"   "5072412"   "5122948"   "5157595"   "5225974"   "5297257"   "5307463"   "5321829"   "5398336"   "5406473"   "5420977"   "5572643"   "5598536"   "5613115"   "5623652"   "5625781"   "5745908"   "5768593"   "5805442").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | USPAT                                                   | 2003/09/23 09:48 |

|   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                         |                  |
|---|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 3  | ((("4319338"   "4937777"   "4953074"   "5012402"   "5072412"   "5122948"   "5157595"   "5225974"   "5297257"   "5307463"   "5321829"   "5398336"   "5406473"   "5420977"   "5572643"   "5598536"   "5613115"   "5623652"   "5625781"   "5745908"   "5768593"   "5805442").PN.) and definition and command and state and recogniz\$5 and depend\$7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/23 13:40 |
| - | 40 | gui and (header and definition? and (state adj change?) and command?) and (client and server) and recogniz\$5 and depend\$7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/23 10:03 |
| - | 4  | agranat.inv. with ian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/23 10:10 |
| - | 48 | ((("5734828" or ("6021262" or ("5819272" or ("5961610" or ("6226644" or ("6226644" or ("6292830" or ("5915113" or ("5926481" or ("4949248" or ("5568616" or ("6233620" or ("6292933" or ("6304893" or ("6336135" or ("5636376" or ("5675798" or ("5539909" or ("5890163" or ("5973696" or ("6035343" or ("6282702" or ("5944783" or ("5918039" or ("5313581" or ("5408602" or ("6253193" or ("6226659" or ("6226659" or ("5828840" or ("6163797" or ("5793970" or ("6052710" or ("5509010" or ("5831612" or ("5950002" or ("5555396" or ("5781530" or ("5446898" or ("5465357" or ("5481709" or ("5495611" or ("5864669" or ("6065041" or ("5940075" or ("5293619" or ("5634010" or ("5802514" or ("5812779" or ("5963202")).PN.                                                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/09/23 13:39 |
| - | 10 | (((((("5734828" or ("6021262" or ("5819272" or ("5961610" or ("6226644" or ("6226644" or ("6292830" or ("5915113" or ("5926481" or ("4949248" or ("5568616" or ("6233620" or ("6292933" or ("6304893" or ("6336135" or ("5636376" or ("5675798" or ("5539909" or ("5890163" or ("5973696" or ("6035343" or ("6282702" or ("5944783" or ("5918039" or ("5313581" or ("5408602" or ("6253193" or ("6226659" or ("6226659" or ("5828840" or ("6163797" or ("5793970" or ("6052710" or ("5509010" or ("5831612" or ("5950002" or ("5555396" or ("5781530" or ("5446898" or ("5465357" or ("5481709" or ("5495611" or ("5864669" or ("6065041" or ("5940075" or ("5293619" or ("5634010" or ("5802514" or ("5812779" or ("5963202")).PN.) and definition and command and state and recogniz\$5 and depend\$7) and process\$5 and receiv\$5 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/23 14:12 |
| - | 1  | message same client same server same form same definition same state same command                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/23 14:13 |
| - | 37 | (gui and (header and definition? and (state adj change?) and command?) and (client and server) and recogniz\$5 and depend\$7) and message                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/10/01 14:53 |
| - | 47 | gui and (header and definition? and (state adj change?) and command?) and (client and server) and (header and definition? and (state adj change?) and command?)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/10/01 14:54 |
| - | 29 | ((((definition or (state adj change) or command) and (message adj processing) and (client and server)) and application) and (header and definition? and (state adj change?) and command?)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/10/01 14:55 |

|   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                         |                  |
|---|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 48 | ((("5734828" or ("6021262" or ("5819272" or ("5961610" or ("6226644" or ("6226644" or ("6292830" or ("5915113" or ("5926481" or ("4949248" or ("5568616" or ("6233620" or ("6292933" or ("6304893" or ("6336135" or ("5636376" or ("5675798" or ("5539909" or ("5890163" or ("5973696" or ("6035343" or ("6282702" or ("5944783" or ("5918039" or ("5313581" or ("5408602" or ("6253193" or ("6226659" or ("6226659" or ("5828840" or ("6163797" or ("5793970" or ("6052710" or ("5509010" or ("5831612" or ("5950002" or ("5555396" or ("5781530" or ("5446898" or ("5465357" or ("5481709" or ("5495611" or ("5864669" or ("6065041" or ("5940075" or ("5293619" or ("5634010" or ("5802514" or ("5812779" or ("5963202"))).PN.                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/10/01 14:58 |
| - | 15 | ((("5734828" or ("6021262" or ("5819272" or ("5961610" or ("6226644" or ("6226644" or ("6292830" or ("5915113" or ("5926481" or ("4949248" or ("5568616" or ("6233620" or ("6292933" or ("6304893" or ("6336135" or ("5636376" or ("5675798" or ("5539909" or ("5890163" or ("5973696" or ("6035343" or ("6282702" or ("5944783" or ("5918039" or ("5313581" or ("5408602" or ("6253193" or ("6226659" or ("6226659" or ("5828840" or ("6163797" or ("5793970" or ("6052710" or ("5509010" or ("5831612" or ("5950002" or ("5555396" or ("5781530" or ("5446898" or ("5465357" or ("5481709" or ("5495611" or ("5864669" or ("6065041" or ("5940075" or ("5293619" or ("5634010" or ("5802514" or ("5812779" or ("5963202"))).PN.) and message and definition and state and command                | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/10/01 15:07 |
| - | 13 | ((("5734828" or ("6021262" or ("5819272" or ("5961610" or ("6226644" or ("6226644" or ("6292830" or ("5915113" or ("5926481" or ("4949248" or ("5568616" or ("6233620" or ("6292933" or ("6304893" or ("6336135" or ("5636376" or ("5675798" or ("5539909" or ("5890163" or ("5973696" or ("6035343" or ("6282702" or ("5944783" or ("5918039" or ("5313581" or ("5408602" or ("6253193" or ("6226659" or ("6226659" or ("5828840" or ("6163797" or ("5793970" or ("6052710" or ("5509010" or ("5831612" or ("5950002" or ("5555396" or ("5781530" or ("5446898" or ("5465357" or ("5481709" or ("5495611" or ("5864669" or ("6065041" or ("5940075" or ("5293619" or ("5634010" or ("5802514" or ("5812779" or ("5963202"))).PN.) and message and definition and state and command) and depend\$7 | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/10/01 15:06 |
| - | 4  | ((("5973696" or ("5897622" or ("5745681" or ("6052710"))).PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/10/01 15:07 |
| - | 1  | ((("5973696" or ("5897622" or ("5745681" or ("6052710"))).PN.) and message and definition and state                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/10/03 09:32 |
| - | 3  | emweb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/10/02 11:47 |
| - | 2  | 6456308.URPN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | USPAT                                                   | 2003/10/02 10:47 |
| - | 16 | 5973696.URPN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | USPAT                                                   | 2003/10/02 10:53 |
| - | 2  | emweb and message and receiv\$5 and process\$5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/10/02 12:03 |
| - | 2  | (emweb and message and receiv\$5 and process\$5) and definition and command and stat\$5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/10/02 12:05 |

|   |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                         |                  |
|---|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 2   | ((emweb and message and receive\$5 and process\$5) and definition and command and stat\$5) and change\$6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/10/02 13:36 |
| - | 2   | ((emweb and message and receive\$5 and process\$5) and definition and command and stat\$5) and change\$6) and fix\$5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/10/02 13:58 |
| - | 3   | castedo.inv. with ellerman                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/10/02 14:03 |
| - | 377 | actv                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/10/02 14:04 |
| - | 7   | ("1089201").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/10/02 14:06 |
| - | 1   | applet same definition same state same change same command                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/19 14:34 |
| - | 8   | applet same definition same state same command                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/19 14:53 |
| - | 22  | (applet or agent) same definition same state same command                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/19 14:54 |
| - | 20  | (message or request) with (definition same state same command)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20 06:28 |
| - | 72  | (message or request) with (definition same stat\$3 same command)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20 06:28 |
| - | 48  | ((("5734828") or ("6021262") or ("5819272") or ("5961610") or ("6226644") or ("6226644") or ("6292830") or ("5915113") or ("5926481") or ("4949248") or ("5568616") or ("6233620") or ("6292933") or ("6304893") or ("6336135") or ("5636376") or ("5675798") or ("5539909") or ("5890163") or ("5973696") or ("6035343") or ("6282702") or ("5944783") or ("5918039") or ("5313581") or ("5408602") or ("6253193") or ("6226659") or ("6226659") or ("5828840") or ("6163797") or ("5793970") or ("6052710") or ("5509010") or ("5831612") or ("5950002") or ("5555396") or ("5781530") or ("5446898") or ("5465357") or ("5481709") or ("5495611") or ("5864669") or ("6065041") or ("5940075") or ("5293619") or ("5634010") or ("5802514") or ("5812779") or ("5963202")).PN. | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/12/08 08:44 |

|   |     |                                                                                                                                                                |                                                         |                  |
|---|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 126 | (definition and (state adj change) and command) and (message adj processing)                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/13 09:46 |
| - | 1   | (definition same (state adj change) same command) and (message adj processing)                                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/13 08:14 |
| - | 16  | (definition same (state adj change) same command) same (message or processing)                                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/13 08:14 |
| - | 72  | ((definition and (state adj change) and command) and (messag\$8 adj process\$8)) and client and server) and GUI                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/02/13 09:16 |
| - | 3   | (definition and (state adj change) and command) and (messag\$8 adj process\$8) same GUI                                                                        | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/02/13 09:12 |
| - | 4   | message same (definition same (state adj change) same command)                                                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/13 10:00 |
| - | 40  | messag\$6 same (GUI adj control)                                                                                                                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/13 10:24 |
| - | 7   | messag\$6 same (GUI adj control) and (servlet or applet or cardlet)                                                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/13 10:28 |
| - | 3   | 6157936.URPN.                                                                                                                                                  | USPAT                                                   | 2004/02/13 10:27 |
| - | 7   | messag\$6 same (GUI adj control) and (messag\$6 same (GUI adj control) and (servlet or applet or cardlet))                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/22 13:19 |
| - | 7   | ("5615367"   "5625818"   "5627979"   "5748974"   "5806060"   "5899990"   "6061516").PN.                                                                        | USPAT                                                   | 2004/02/13 10:40 |
| - | 5   | messag\$6 and (("5615367"   "5625818"   "5627979"   "5748974"   "5806060"   "5899990"   "6061516").PN.)                                                        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/13 11:50 |
| - | 4   | (messag\$6 and (("5615367"   "5625818"   "5627979"   "5748974"   "5806060"   "5899990"   "6061516").PN.)) and defin\$9 and stat\$3 and chang\$5 and command\$2 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/13 13:54 |
| - | 4   | 6061516.URPN.                                                                                                                                                  | USPAT                                                   | 2004/02/13 11:47 |
| - | 1   | 6061516.URPN. and defin\$9 and stat\$3 and chang\$5 and command\$2                                                                                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/13 11:49 |

|   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                         |                  |
|---|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 4  | (messag\$6 and (("5615367"   "5625818"   "5627979"   "5748974"   "5806060"   "5899990"   "6061516").PN.)) and defin\$9 and stat\$3 and chang\$5 and command\$3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/13 13:54 |
| - | 3  | ((((messag\$6 and (("5615367"   "5625818"   "5627979"   "5748974"   "5806060"   "5899990"   "6061516").PN.)) and defin\$9 and stat\$3 and chang\$5 and command\$3) and recogniz\$9) and (before or prior)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/13 14:33 |
| - | 4  | 6061516.URPN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | USPAT                                                   | 2004/02/13 14:43 |
| - | 59 | (messag\$9 or request\$9) same defin\$9 same (state adj change\$3) same command\$3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/22 09:26 |
| - | 4  | ((messag\$9 or request\$9) same defin\$9 same (state adj change\$3) same command\$3 ) and fix\$7 and client\$5 and server\$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/22 09:30 |
| - | 8  | message with (header and definition and (state adj change) and command)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/22 13:23 |
| - | 18 | (message\$3 or request\$3) with (header and definition and (state adj change) and command)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/22 13:24 |
| - | 1  | (message\$3 or request\$3) with (definition same (state adj change) same command)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/22 13:32 |
| - | 8  | (message\$3 or request\$3) with (defin\$9 same (state adj change\$3) same command\$3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/22 13:32 |
| - | 48 | ((("5734828") or ("6021262") or ("5819272") or ("5961610") or ("6226644") or ("6226644") or ("6292830") or ("5915113") or ("5926481") or ("4949248") or ("5568616") or ("6233620") or ("6292933") or ("6304893") or ("6336135") or ("5636376") or ("5675798") or ("5539909") or ("5890163") or ("5973696") or ("6035343") or ("6282702") or ("5944783") or ("5918039") or ("5313581") or ("5408602") or ("6253193") or ("6226659") or ("6226659") or ("5828840") or ("6163797") or ("5793970") or ("6052710") or ("5509010") or ("5831612") or ("5950002") or ("5555396") or ("5781530") or ("5446898") or ("5465357") or ("5481709") or ("5495611") or ("5864669") or ("6065041") or ("5940075") or ("5293619") or ("5634010") or ("5802514") or ("5812779") or ("5963202"))).PN. | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/22 14:00 |
| - | 20 | message and (definition same (state adj change) same command)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/25 15:21 |
| - | 7  | ((("5675798") or ("5806060") or ("6061516") or ("6065041") or ("6330007") or ("6490601") or ("6253244"))).PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/27 15:31 |